



Attorney Docket No. 15218US01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION OF:

AXEL ZURLOYE,
DAVE RUTHMANSDORFER,
TIM FRAZIER and
JENNIFER RUMSEY

SERIAL NO. 10/679,026

FILED: October 3, 2003

FOR: METHOD AND APPARATUS FOR
CONTROLLING AN INTERNAL
COMBUSTION ENGINE USING
COMBUSTION CHAMBER PRESSURE
SENSING

GROUP ART UNIT: Unknown

EXAMINER: Not yet assigned

CUSTOMER NO. 23446

CONFIRMATION NO. (Not yet assigned)

CERTIFICATE OF MAILING

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22313-1450, on this date:

January 9, 2004

Robert W. Fieseler

Robert W. Fieseler
Registration No. 31,826
Attorney for Applicants

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants submit herewith form PTO/SB/08A listing all of
the references cited, as well as a copy of each of the foreign
documents and other publications cited, for consideration by the

U.S. Patent and Trademark Office in connection with the above application.

<u>U.S. Patent No./</u> <u>Publication No.</u>	<u>Inventor(s)</u>	<u>Date</u>
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- Auto-ignition and combustion of DME and n-butane/air mixtures in homogeneous charge-compression ignition engine. Igarashi, Tetsuya; Iida, Norimasa; Kelo Gijuku Univ. Grad. Sch., Yokohama, Japan; Nippon Kikai Gakkai Ronbunshu, B-hen (1998), 64(618), 605-612; Abstract. 00/00/1998
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- An experimental study of premixed lean diesel combustion. Shimazaki, Naoki; Akagawa, Hisashi; Tsujimura, Kinji; New ACE Institute Co., Ltd., Japan. Society of Automotive Engineers, [Special Publication]SP (1999), SP-1444 (Processes of Diesel Engine Combustion), 1-10; Abstract. 00/00/1999
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00/00/2002

The above references are listed on the enclosed substitute Form PTO/SB/08A entitled "Information Disclosure Statement By Applicant."

This Information Disclosure Statement is being submitted before receipt of a first Office Action on the merits of the application.

Please charge any fees incurred in connection with this submission to Deposit Account No. 130017 in the name of McAndrews, Held & Malloy, Ltd.

Respectfully submitted,

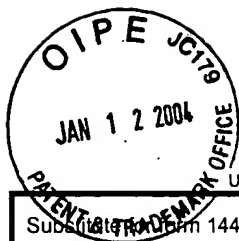


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Dated: January 9, 2004



PTO/SB/08A (08-03)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Subclass 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 5

Complete if Known

Application Number	10/679,026
Filing Date	10/03/2003
First Named Inventor	Zurloye et al.
Group Art Unit	unknown
Examiner Name	not assigned
Attorney Docket Number	15218US01

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	A2	4,314,534	02/09/1982	Nakajima et al.	
	A3	4,556,030	12/03/1985	Aono	
	A4	4,606,312	08/19/1986	Nakano et al.	
	A5	4,621,603	11/11/1986	Matekunas	
	A6	4,622,939	11/18/1986	Matekunas	
	A7	4,624,229	11/25/1986	Matekunas	
	A8	4,651,562	03/24/1987	Day	
	A9	4,658,794	04/21/1987	Day	
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	A13	WO 93/08399	04/29/1993			
	A14	WO 00/61927	10/19/2000			
	A15	WO 01/83974	11/08/2001			
	A16	WO 01/86125	11/15/2001			
	A17	WO 01/86126	11/15/2001			

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	A18	An experimental study of premixed lean diesel combustion. Shimazaki, Naoki; Akagawa, Hisashi; Tsujimura, Kinji. New ACE Institute Co., Ltd., Japan. Society of Automotive Engineers, [Special Publication]SP (1999), SP-1444(Processes of Diesel Engine Combustion), 1-10; Abstract

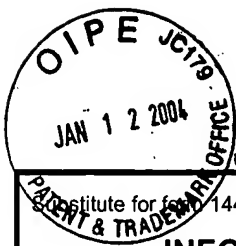
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/679,026		
		Filing Date	10/03/2003		
		First Named Inventor	unknown		
		Group Art Unit	unknown		
		Examiner Name	not assigned		
Sheet	2	Of	5	Attorney Docket Number	15218US01

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	A19	Auto-ignition and combustion of DME and n-butane/air mixtures in homogeneous charge-compression ignition engine. Igarashi, Tetsuya; Iida, Norimasa. Kelo Gijuku Univ.Grad.Sch., Yokohama, Japan. Nippon Kikai Gakkai Ronbunshu, B-hen (1998), 64(618, 605-612 ; Abstract
	A20	Alternative combustion systems for piston engines involving homogeneous charge compression ignition concepts – a review of studies using methanol, gasoline and diesel fuel. Pucher, Greg R.; Gardiner, David P.; Bardon, Michael F.; Battista, Vittoria. Thermotech Engineering, Can. Soc. Automot.Eng.,[Spec.Publ.]SP (1996), SP-1208(Topics in Alternative Fuels and Their Emissions), 215-225; Abstract
	A21	Explosions initiation in homogeneous fuel-Oxidant gaseous combinations. I.Explosions initiation with heated bodies. Razus D, Oancea D, Ionescu NI, Revista De Chimie, 51(8):590-599 Aug 2000; Chiminform Data S A, Bucharest, Website; Abstract
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EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 5

Complete if Known

Application Number	10/679,026
Filing Date	10/03/2003
First Named Inventor	Zurloye et al.
Group Art Unit	unknown
Examiner Name	not assigned
Attorney Docket Number	15218US01

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OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 4 of 5

Complete if Known

Application Number	10/679,026
Filing Date	10/03/2003
First Named Inventor	Zurloye et al.
Group Art Unit	unknown
Examiner Name	not assigned
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U.S. PATENT DOCUMENTS

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	A44	6,032,617	03/07/2000	Willi et al.	
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	A46	6,243,641	06/05/2001	Andrews et al.	
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	A50	6,286,482	09/11/2001	Flynn et al.	
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	A53	JP 11036939	02/09/1999		Abstract only	
	A54	JP 11148382	06/02/1999		Abstract only	
	A55	JP 11270412	10/05/1999		Abstract only	
	A56	JP 11294222	10/26/1999		Abstract only	
	A57	JP 2001-107809	04/17/2001		Abstract only	

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

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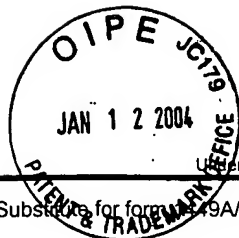
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 5

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Application Number	10/679,026
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First Named Inventor	Zurloye et al.
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	A58	2002/0026926	03/07/2002	Loye et al.	
	A59	6,354,268	03/12/2002	Beck et al.	
	A60	6,367,317	04/09/2002	Jaye	
	A61	2002/0040708	04/11/2002	Chmeia et al.	
	A62	2002/0053336	05/09/2002	Nogi et al.	
	A63	2002/0078918	06/27/2002	Ancimer et al.	
	A64	6,408,625	06/25/2002	Woon et al.	
	A65	6,659,071	12/09/2003	LaPointe et al.	
	A66	6,516,774	02/11/2003	zur Loye et al.	
	A67	6,516,781	02/11/2003	Weisman	
	A68	6,560,526	05/06/2003	Matekunas et al.	
	A69	6,561,157	05/13/2003	zur Loye et al.	
	A70	6,598,468	07/29/2003	Zur Loye et al.	
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